

Patent Abstracts of Japan

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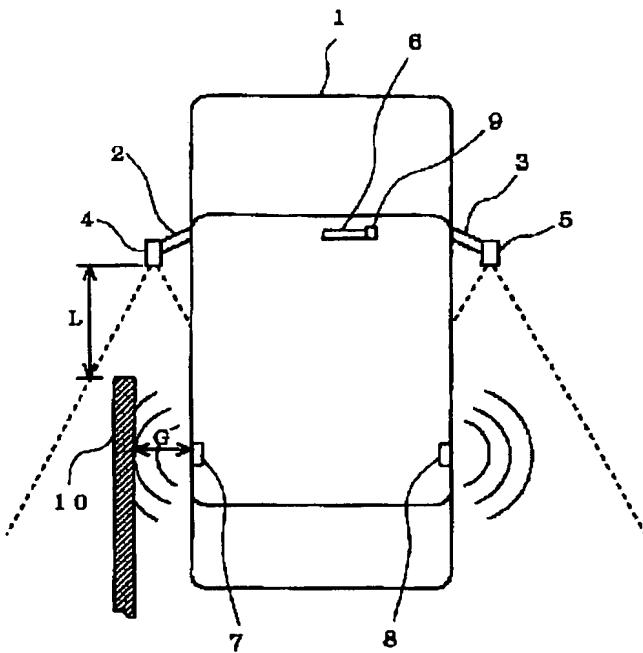
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TITLE : DETECTING APPARATUS FOR
 OBSTACLE ON SIDE FACE OF
 VEHICLE



ABSTRACT : PROBLEM TO BE SOLVED: To obtain a detecting apparatus, for an obstacle on the side face of a vehicle, in which the relative position with reference to the vehicle of the obstacle existing so as to be close to the side face of the vehicle is detected with good accuracy, and by which a contact accident with the obstacle can be prevented when the vehicle is advanced or retreated or when the parking operation of the vehicle is performed.

SOLUTION: First obstacle sensors 4, 5 which are installed on both side faces of a vehicle 1 and which probe an obstacle 10 in the rear part are provided. Second obstacle sensors 7, 8 which are installed in the rear part of the vehicle 1 from the first obstacle sensors 4, 5 and which probe the obstacle 10 in a direction nearly at right angles to the probing direction of the first obstacle sensors 4, 5 are provided. The first obstacle sensors 4, 5 and the second obstacle sensors 7, 8 are constituted of distance detecting means of different techniques.

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